

CLAIMS

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1. - A vehicle jack, with a support leg (1) equipped with a foot (3) that turns on the lower end of this support leg and with a vehicle support arm (2) that turns or pivots in turn on the support leg (1), in which both the support leg and the vehicle support arm are connected by means of a threaded screw spindle (18) operated by a winding handle (19) that causes the pivoting of the support leg (1) on the foot (3) and also the pivoting of the vehicle support arm (2), in such a way that the vehicle support plate (4), which is attached to the free end of the vehicle support arm, rises with the bodywork of the vehicle, while also having an auxiliary support (23) that acts against the foot (3) during the raising of the jack, both when unloaded and when loaded, and which is characterised by:

- an auxiliary support consisting of an L-shaped bar (23) with an obtuse angle, with a longer straight section whose end (24) is secured to the end (26) of the base (28) of the vehicle support arm (2) close to its pivoting shaft (20) and runs through the interior of the support leg (1) to the lower end of the said leg, in which the shorter section of the bar (23) has an upward elbow-shaped elevation (5) at its free end and runs between the base at the end of the support leg (1) and the foot (3), making contact with the said foot during the raising of the jack,

- a support leg (1) with a quasi-triangular lower end on which a foot (3) is fitted, with a base on which we can point out, at its start, a tongue (7) with a hole (8) in it, through which a bar (23) passes in the proximity of the change of direction of its longer straight section,

- a leg (12) protruding from the bottom of the foot (3) that is directed towards the hollow gap (21) between the base of the lower end of the support leg (1) and the said bottom or base, where it makes contact with the elbow-shaped end (5) of the shorter section of the bar (23), with this leg being located in a vertical position between the pivoting shaft (6) of the foot and the tongue (7).

2. - A vehicle jack, in accordance with claim 1, characterised in that the base at the end of the support leg (1) has a central elevation (22) that starts after

the provision of the tongue (7) that the longer straight section of the bar (23) passes through at the lower gap or cavity (8') provided by the said tongue, with a hollow or gap (15) being provided in the said elevation in which a wave-like portion (9) of the bar moves, close to its elbow-shaped end, and with a holed leg (10) protruding downwards from this hollow or gap (15) and being housed in a gap (16) cut in the bottom or base of the foot.

3. - A vehicle jack, in accordance with claim 1, characterised in that the bar (23) has a circular cross section.

4. - A vehicle jack, in accordance with claim 1, characterised in that the bar (23) has a rectangular cross section.

5. - A vehicle jack, in accordance with claim 1, characterised in that the bar (23) is metallic.

6. - A vehicle jack, in accordance with claim 1, characterised in that the bar (23) is made of synthetic material.